



03-25-02 GP 3738

PATENT
ATTORNEY DOCKET NO. 01942-00007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Eija Pirhonen et al.)
Serial No.: 10/006,796) Examiner:
Filed: December 4, 2001) Art Unit: 3738
Title: BIODEGRADABLE IMPLANT AND)
METHOD FOR MANUFACTURING ONE)

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

In regard to the above identified application, we are transmitting herewith the attached:

1. Information Disclosure Statement,
2. Form PTO-1499,
3. Copies of eleven (11) references, and
4. Return postcard.

The Commissioner is hereby authorized to charge any additional fees or credit overpayment to our Deposit Account No. 19-0733.

Respectfully submitted,

Dated: March 22, 2002

By John P. Iwanicki
John P. Iwanicki, Reg. No. 34,628
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#4

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.97-1.99, Applicants submit the references listed on the
enclosed PTO form 1449. Copies of these references are enclosed. This Information Disclosure
Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. § 1.56
and is being filed before the mailing date of a first office Action on the merits. Accordingly, no
fee is due.

In the judgment of the undersigned, portions of the listed references may be material to
the Examiner's consideration of the presently pending claims. However, the references have not
been reviewed in sufficient detail to make any other representation and, in particular, no
representation is intended as to the relative importance of any portion of the references. This

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statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. § 102 or § 103.

Please apply any charges or credits to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: March 22, 2002

By 
John P. Iwanicki, Reg. No. 34,628
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**Art Cited in the Specification for
“Biodegradable Implant and Method for Manufacturing One”
USSN 10/006,796, Filed December 4, 2001**

U.S. Pat. 5,525,646

U.S. Pat. 5,919,234

PCT application no. WO 96/34634

Kirk P. Andriano, Bhagya Chandrashekhar, Kathleen McEnery, Richard L. Dunn, Katie Moyer, Catherine M. Balliu, Kathleen M. Holland, Steven Garrett, William E. Huffer, “Preliminary *In Vivo* Studies on the Osteogenic Potential of Bone Morphogenetic Proteins Delivered from an Absorbable Puttylike Polymer Matrix,” *J. Biomed. Mater. Res. (Appl Biomater)* 53:36-43, (2000).

Kyriacos A. Athanasiou, Mauli Agrawal, Alan Barber, Stephen S. Burkhardt, “Orthopaedic Application for PLA-Pga Biodegradable Polymers,” *The Journal of Arthroscopic and Related Surgery*, 14 (7):726-737 (October 1988).

Dietmar Hutmacher, Markus B. Hürzeler, Henning Schliephake, “A Review of Material Properties of Biodegradable and Bioresorbable Polymers and Devices for GTR and GBR Applications,” *The International Journal of Oral & Maxillofacial Implants*, 11(5):667-678 (1996).

William S. Pietrzak, “Critical Concepts of Absorbable Internal Fixation,” Portland Bone Symposium, Portland, Oregon, August 4-7, 1999.

R. Suuronen, “Biodegradable fracture-fixation devices in maxillofacial surgery,” *Int. J. Oral Maxillofac. Surg.*, 22: 50-57 (1993).

Jan Tams, Cornelis A.P. Joziasse, Ruud R.M. Bos, Fred R. Rozema, Dirk W. Grijpma and Albert J. Pennings, “High-impact poly(L/D-lactide) for fracture fixation: *in vitro* degradation and animal pilot study,” *Biomaterials*, 16(18):1409-1415 (1995).

Donald L. Wise, Debra J. Trantolo, David E. Altobelli, Michael J. Yaszemski, Joseph D. Gresser, Edith R. Schwartz, *Encyclopedic Handbook of Biomaterials and Bioengineering, Part A*, by Marcel Dekker, Inc., pages 977 to 1007 (1992).